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Docket No.: 230420US26YA

**OBLON**  
**SPIVAK**

ATTORNEYS AT LAW

Ronald A. Rudder, Ph.D.  
(703)-413-3000  
rrudder@oblon.com

Steven P. Weihrouch  
(703)-413-3000  
sweihrouch@oblon.com

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

RE: Application Serial No.: 10/673,583

Applicants: Andrej S. MITROVIC

Filing Date: September 30, 2003

For: SYSTEM AND METHOD FOR USING FIRST-  
PRINCIPLES SIMULATION TO PROVIDE  
VIRTUAL SENSORS THAT FACILITATE A  
SEMICONDUCTOR MANUFACTURING PROCESS

Group Art Unit: 2128

Examiner: SAXENA, AKASH

SIR:

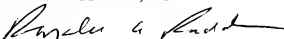
Attached hereto for filing are the following papers:

**APPEAL BRIEF UNDER 37 CFR 41.37**  
**APPENDICES**

Our online credit card payment in the amount of **540.00** is being made covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Steven P. Weihrouch

Registration No. 32,829

Customer Number

**22850**

(703) 413-3000 (phone)  
(703) 413-2220 (fax)

Ronald A. Rudder, Ph.D.  
Registration No. 45,618